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UTILITY PATENT APPLICATION		Attorney Docket No. IN01			
		First Inventor			
TRANSMITTAL	Title	NOVEL PEPTIDES AS NS3-SER HEPATITIS C VIRUS			
v nonorovisional applications under 37 CEP 1 53/h))	Evere	ss Mail Label Ne	177.4		

	UTILITY		Attorr	ney Docket No.	IN0115	9K	
PATEN	T APPLICATION	F	irst l	nventor	SAKSE	VA, et	t al
TRA	ANSMITTAL	7	NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS				
(Only for new nonprovision	onal applications under 37 CFR 1.53	(b)) E	xpre	ss Mail Label No	EL403	23729	
APPLIC	ATION ELEMENTS		AD	DRESS TO:	Assistant C	ommis	sioner for Patents
	ncerning utility patent application con	tents.	,		Box Patent Washingto	n, DC	20231
1. Submit an original and	Form (e.g., PTO/SB/17)  a duplicate for fee processing)  small entity status.		7. [	CD-ROM or CI Computer Prog	ıram ( <i>Apper</i>	dix)	
2. See 37 CFR 1.27	7.		8. No	ucleotide and/or Am f applicable, all nece	ino Acid Sec	luence	Submission
3. Specification (preferred arrangeme	[Total Pages 536]		a.	Computer Re		ı (CRF)	)
	e of the invention ce to Related Applications		b.	Specification Sequ			
- Statement Reg	garding Fed sponsored R & D			i. 🗌 CD-Ri	OM or CD-R	(2 cop	ies); or
	equence listing, a table, program listing appendix			ii. 🔲 paper			••
- Background or	f the Invention		C.	Statements v	erifying iden	tiby of a	above copies
- Brief Summary - Brief Description	y of the Invention on of the Drawings (if filed)			ACCOMPANYI			
- Detailed Descri	ription		9.				& document(s))
- Claim(s) - Abstract of the	Disclosure		10.	37 CFR 3.73(	b) Statemen	t r	Power of
		7	1	(when there is			→ Attorney
4 Drawing(s) (35 t	, ,	亅 1	11.	English Trans Information D		nent <i>(if</i>	applicable) Copies of IDS
5. Oath or Declaration	[Total Pages 77	1	12.	Statement (ID		<sub>e</sub> L	- Citations
a. Newly exec	cuted (original or copy)		13.	Preliminary A	mendment		
b (for continua	a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 complete	d)	14.	Return Receip	ot Postcard	MPEP	503)
	ETION OF INVENTOR(S)  I statement attached deleting inventor(s)  14. (Should be specifically itemized)  Certified Copy of Priority Document(s)  (if foreign priority is claimed)						
Signed sta	atement attached deleting inventor(s) the prior application, see 37 CFR		13.1				
	and 1.33(b).		16.	Nonpublicatio (b)(2)(B)(i). Ap	n Request u Oplicant mus	nder 35 t attach	5 U.S.C. 122 n form PTO/SB/35
6. Application Data	Sheet. See 37 CFR 1.76		1-1	or its equivale	nt.		
			17.	Other: Pat	ent Appln	. Cov	er Sheet
or in an Application Data She	CATION, check appropriate box, an eet under 37 CFR 1.76:	d supply ti	he req	uisite information be	low and in a	prelim	inary amendment,
Continuation	Divisional Continuation-in-part	(CIP)		of prior application No.:	,		
Prior application information:	Examiner	_		Group Art I Int.			
	ONAL APPS only: The entire disclosure of the accompanying or relied upon when a portlon has been been a						n is supplied under
The incorporation can only be	Tonica apon when a portion has been h	ladvertenti	y omiti	ed from the submitte	nd is hereby d application	ncorpo parts.	prated by reference.
	19. CORRESP	ONDENC	E ADI	RESS			
Customer Number or Bar Co		65 lech bei rode	facel h	or	Correspo	ndence a	address below
Name	PALAIYUR S. KALYANA	RAMAI	N	(Reg. No. ) 34	.634		
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Address							
City		Sta	ite		Zin	Code	
Country		Telepho		908-298-5068		ax	000 200 5222
Name (Print/Type)	PALAIYUR S. KALYANARAN	<del></del>				7 -	908-298-5388
		TAN	Kegi	stration No. (Attor	ney/Agent,	34,	634
Signature					Date	July	19, 2001

Date | July 19, 2001 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTO/SB/17 (11-00)

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**FEE TRANSMITTAL** 

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1232.00

Complete if Known		
Application Number	To Be Assigned	
Filing Date	July 19, 2001	
First Named Inventor	Saksena, et al	
Examiner Name	To Be Assigned	
Group Art Unit	To Be Assigned	
Attorney Docket No.	IN01159K	

1. The Commissioner is hereby sutherized to charge Deposit Account Number   19-0365	METHOD OF PAYMENT	FEE CALCULATION (continued)	
Deposit   Number   Schering-Plough Corporation   Schering-Plough		3. ADDITIONAL FEES	
Account   19-0365			
Code (\$)   Code (\$)   Code (\$)	Account 10.0365		Fee Paid
Charge Any Additional Fee Required   127 50 227 25   Surcharge - late Iming lete to drain   128 14 17   139 130		Code (\$) Code (\$)	
127   50   227   25   25   25   25   25   25   2	Account Schering-Plough Corporation	105 130 205 65 Surcharge - late filing fee or oath	
Applicant claims small entity status.   139   130   139   130   Non-English specification   147   2,520   147	Charge Any Additional Fee Required		
2. Payment Enclosed:		139 130 139 130 Non-English specification	
Check   Credit card   Money   Other Order   Other Other Order   Other   Other Order   Other Order   Other Order   Other Order   Other   Other Order   Other Order   Other Order   Other   Othe		147 2,520 147 2,520 For filing a request for ex parte reexamination	
113   1,840*   1,840*   113   1,84	Check Credit card Money Other		
1. BASIC FILING FEE   Large Entity Small Entity   Fee Fee Fee Fee Fee Fee Fee Fee Fee F	Order D Order		
Large Entity Small Entity   Fee Fee Fee Fee Fee Fee Fee Fee Fee F		115 110 215 55 Extension for reply within first month	
Fee		116 390 216 195 Extension for reply within second month	
101 710 201 355 Utility filing fee   \$710.00     106 320 206 160 Design filing fee   108 710 208 355 Reissue filing fee   108 710 208 355 Reissue filing fee   120 310 220 155 Filing a brief in support of an appeal     108 710 208 355 Reissue filing fee   120 310 220 155 Filing a brief in support of an appeal     120 310 220 155 Filing a brief in support of an appeal     121 270 221 135 Request for oral hearing     122 270 221 135 Request for oral hearing     138 1,510 138 1,510 Petition to revive - unavoidable     140 110 240 55 Petition to revive - unavoidable     141 1,240 241 620 Petition to revive - unavoidable     142 1,240 242 620 Utility issue fee (or reissue)     143 440 243 220 Design issue fee     144 600 244 300 Plant issue fee     144 600 244 300 Plant issue fee     144 600 244 300 Plant issue fee     145 180 122 130 Petitions to the Commissioner     144 600 244 300 Plant issue fee     145 180 126 180 Submission of Information Disciosure Stmt     146 710 246 355 Filing a submission after final rejection     146 710 246 355 Filing a submission after final rejection     146 710 246 355 Filing a submission after final rejection     147 180 219 9 "Reissue independent claims over original patent     148 1,390 218 695 Extension for reply within fifth month     105 180 710 240 57 Filing a brief in support of an appeal     120 310 220 155 Filing a brief in support of an appeal     121 270 221 135 Request for oral hearing     122 170 221 135 Petition to revive - unavoidable     124 1,240 241 620 Utility issue fee (or reissue)     125 180 246 620 Utility issue fee (or reissue)     126 180 244 620 Utility issue fee (or reissue)     127 180 240 55 Petition to revive - unavoidable     128 180 240 620 Utility issue fee (or reissue)     129 155 Filing a brief in support of an appeal     120 310 220 Utility issue fee (or reissue)     121 270 221 135 Petition to revive - unavoidable     122 1,240 242 620 Utility issue fee (or reissue)     123 180 180 180 180 180 180 180 180 180 180	Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month	
106 320 206 160 Design filling fee	Code (4)	118 1,390 218 695 Extension for reply within fourth month	
107 490 207 245 Plant filing fee		128 1,890 228 945 Extension for reply within fifth month	
108 710 208 355   Reissue fliing fee   120 310 220 155   Filling a brief in support of an appeal   121 270 221 135   Request for oral hearing   138 1,510 138 1,510   Request for oral hearing   138 1,510 138 1,510   Request for oral hearing   138 1,510   13		119 310 219 155 Notice of Appeal	
114   150   214   75   Provisional filing fee	107 490 207 240 1 lain lining 100	120 310 220 155 Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 710.00  138 1,510 138 1,510 Petition to institute a public use proceeding  140 110 240 55 Petition to revive - unavoidable  141 1,240 241 620 Petition to revive - unavoidable  142 1,240 242 620 Utility issue fee (or reissue)  143 440 243 220 Design issue fee  144 600 244 300 Plant issue fee  145 122 130 122 130 Petitions to the Commissioner  146 600 244 300 Plant issue fee  147 1,240 241 620 Petition to revive - unintentional  148 440 243 220 Design issue fee  149 -20** = 29 x \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		121 270 221 135 Request for oral hearing	
2. EXTRA CLAIM FEES    Extra Claims   Extra Claims		138 1,510 138 1,510 Petition to institute a public use proceeding	
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Subtotal Claims   49		141 1,240 241 620 Petition to revive - unintentional	
Independent 2 - 3** = 0 x 0 = 0		142 1,240 212 020	
Subtotal (2)   Subtotal (3)   Subt	Total Claims	-	
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Large Entity Small Entity Fee		122 130 122 130 Petitions to the Commissioner	
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102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 "Reissue independent claims over original patent"  110 18 210 9 "Reissue claims in excess of 20 and over original patent"  SUBTOTAL (2) (\$\frac{1}{3}\) 522.00  146 710 246 355 Filling a submission after final rejection (37 CFR § 1.129(a))  149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))  179 710 279 355 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application  Other fee (specify)	Code (\$) Code (\$)		
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and over original patent  169 900 169 900 Request for expedited examination of a design application  Other fee (specify)		179 710 279 355 Request for Continued Examination (RCE)	·········
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**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	<b>SUBTOTAL (2)</b> (\$) 522.00	Other fee (specify)	
	**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	

SUBMITTED BY				Complete (if	applicable)
Name (PrintlType)	PALAIYUR S. KALYANARAMAN	Registration No. (Attorney/Agent)	34,634	Telephone	(908)298-5068
Signature	1000	,		Date	July 19, 2001

CERTIFICATE OF MAILING				
I hereby certify that this correspondence is being de envelope addressed to: Assistant Commissioner for	posited with the United States Postal Service <u>as first class mail in a</u> Patents, Washington, D.C. 20231 on this dat <mark>e</mark> :			
Typed or printed name				
Signature	Date			

## PROVISIONAL PATENT APPLICATION

## NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS

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**ASSIGNEE**: Schering Corporation

Corvas International, Ltd.

PRIORITY APPLICATION: PROVISIONAL APPLICATION 60/220,108 dated July 21, 2000

"Express Mail" No. EL403237293US Date of Deposit: July 19, 2001

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